

FIG. 1

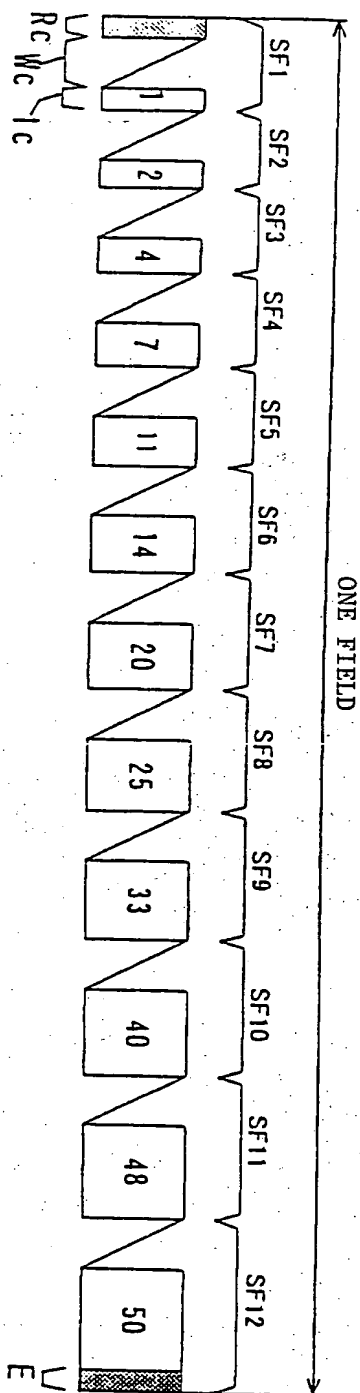


FIG. 2

● : SELECTIVE-ERASE DISCHARGE

○ : LIGHT EMISSION SF

GRADATION

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	CONVERSION TABLE												LIGHT EMISSION DRIVE PATTERN	DISPLAY BRIGHTNESS														
	PDs	GD																										
		1	2	3	4	5	6	7	8	9	10	11			12													
1	0000	1	0	0	0	0	0	0	0	0	0	0	0	●													0	
2	0001	0	1	0	0	0	0	0	0	0	0	0	0	○	●													1
3	0010	0	0	1	0	0	0	0	0	0	0	0	0	○	○	●												3
4	0011	0	0	0	1	0	0	0	0	0	0	0	0	○	○	○	●											7
5	0100	0	0	0	0	1	0	0	0	0	0	0	0	○	○	○	○	●										14
6	0101	0	0	0	0	0	1	0	0	0	0	0	0	○	○	○	○	○	●									25
7	0110	0	0	0	0	0	0	1	0	0	0	0	0	○	○	○	○	○	○	●								39
8	0111	0	0	0	0	0	0	0	1	0	0	0	0	○	○	○	○	○	○	○	●							59
9	1000	0	0	0	0	0	0	0	0	1	0	0	0	○	○	○	○	○	○	○	○	○	●					84
10	1001	0	0	0	0	0	0	0	0	0	1	0	0	○	○	○	○	○	○	○	○	○	○	○	○			117
11	1010	0	0	0	0	0	0	0	0	0	0	1	0	○	○	○	○	○	○	○	○	○	○	○	○	○	●	157
12	1011	0	0	0	0	0	0	0	0	0	0	0	1	○	○	○	○	○	○	○	○	○	○	○	○	○	○	205
13	1100	0	0	0	0	0	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	255

FIG. 3

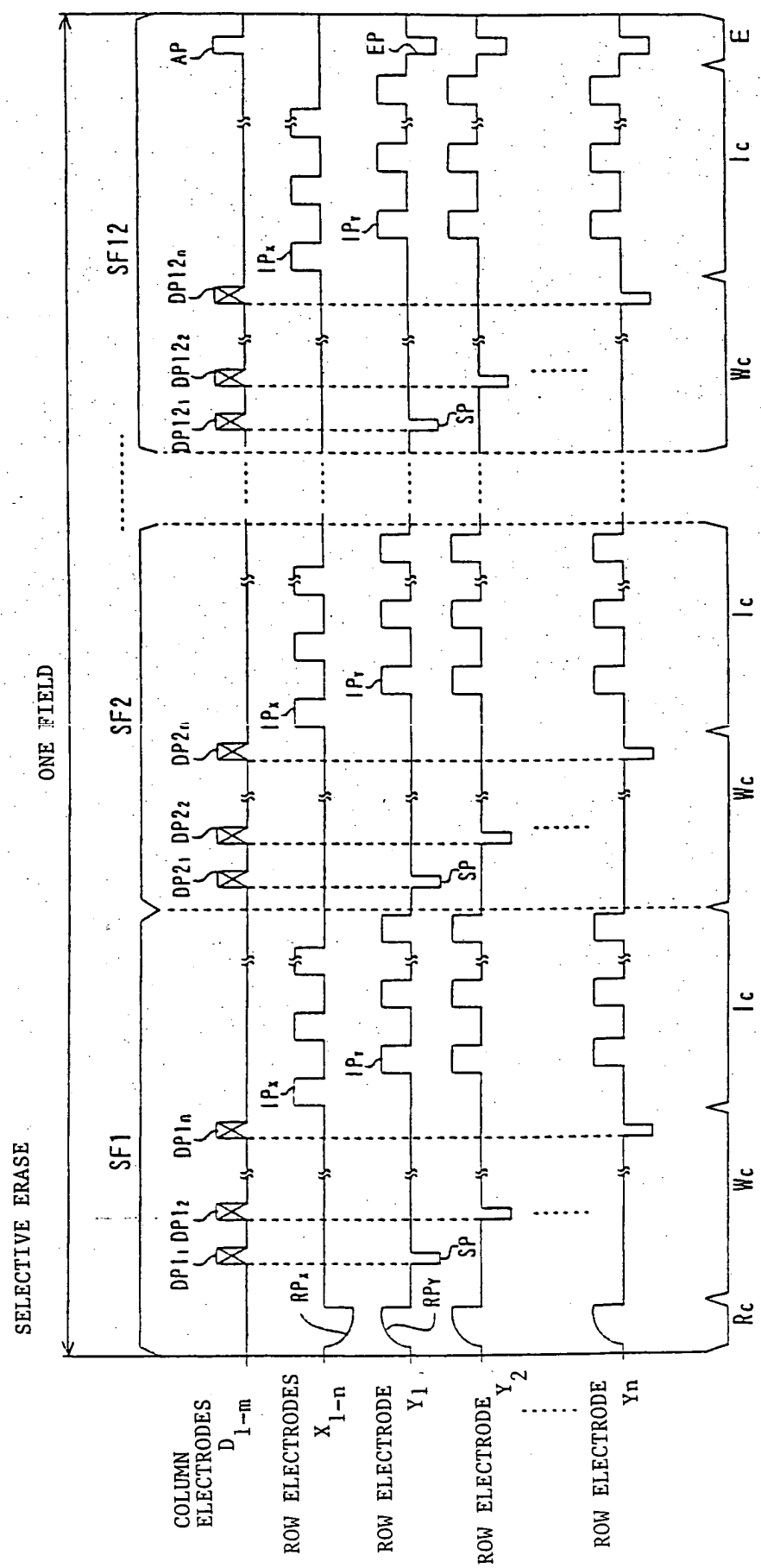
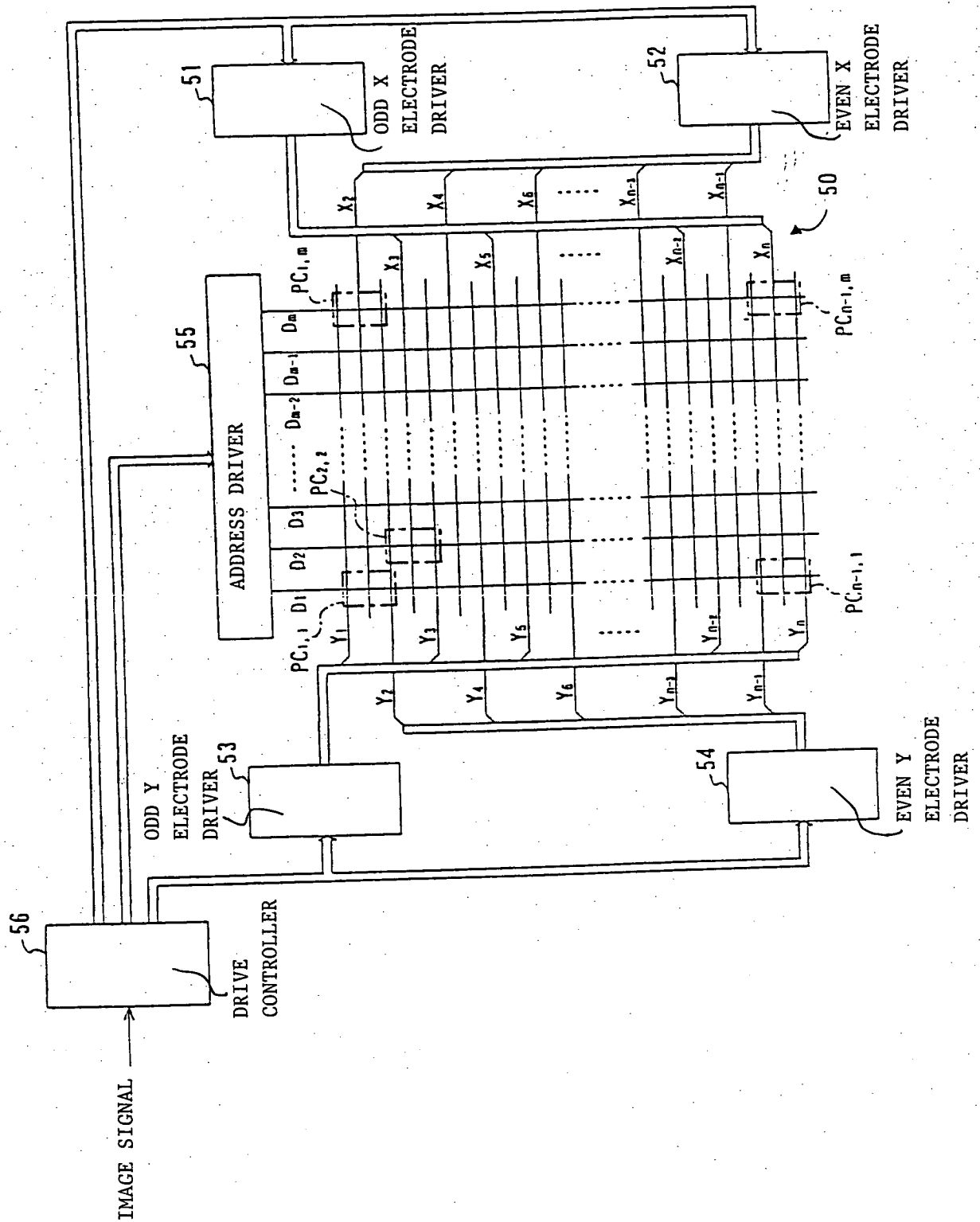


FIG. 4



$$\underline{V1 - V1}$$


V2-V2

FIG. 7

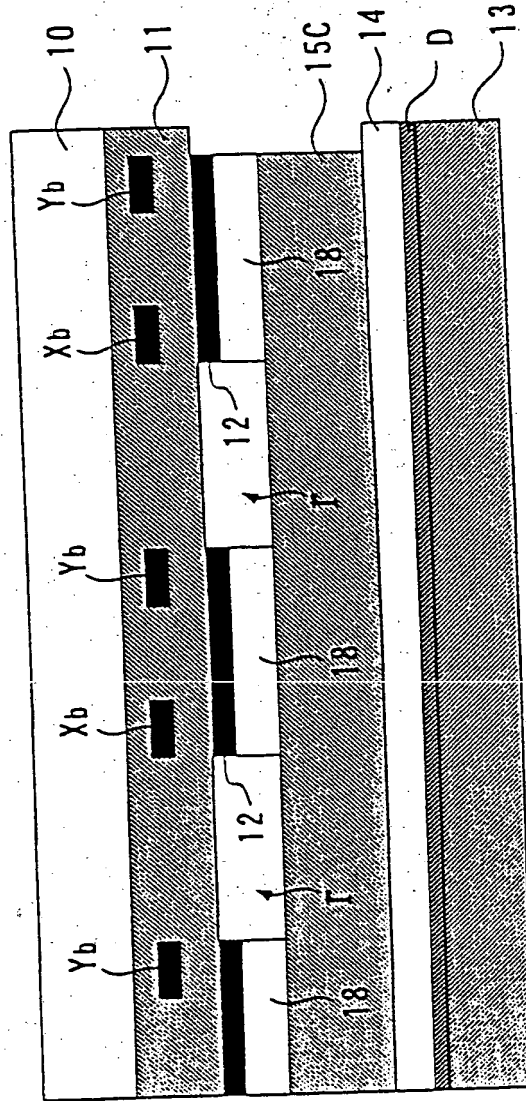


FIG. 8

W1-W1

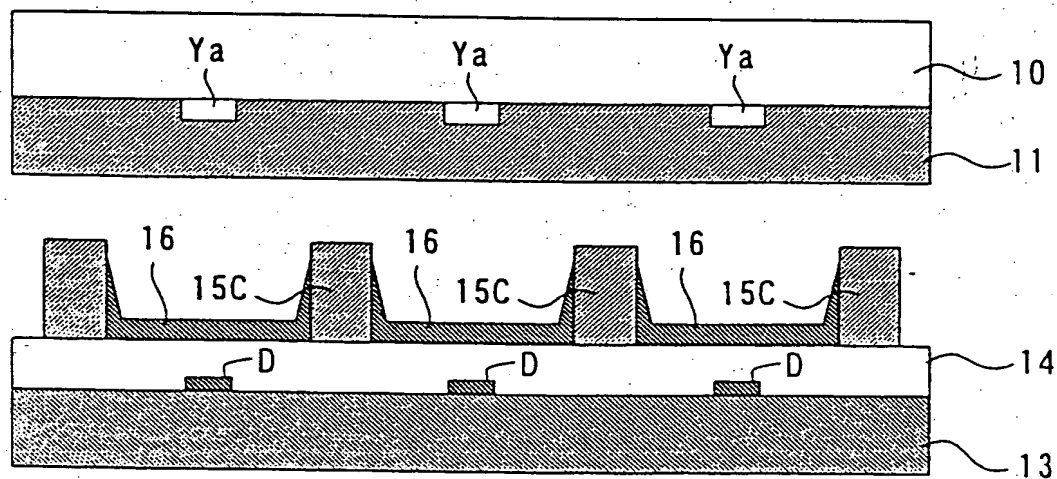


FIG. 9

GRADATION DRIVE	CONVERSION TABLE															LIGHT EMISSION PATTERN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	PDS	GD															SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF</

*: 0 OR 1 ◎ : WRITING ADDRESS DISCHARGE + SUSUTAIN DISCHARGE LIGHT EMISSION

FIG. 10

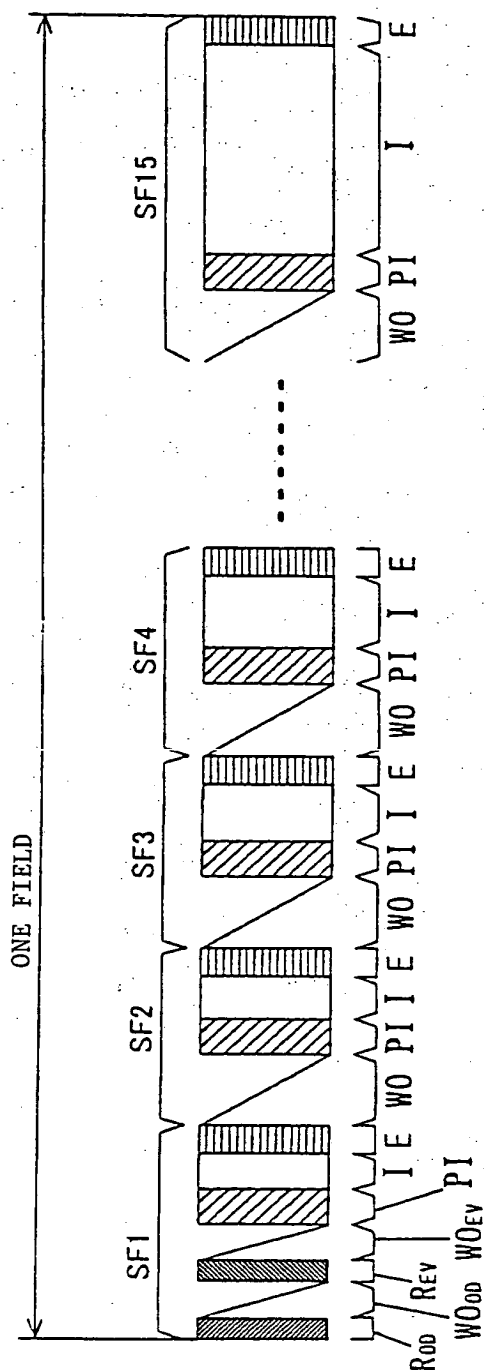


FIG. 12

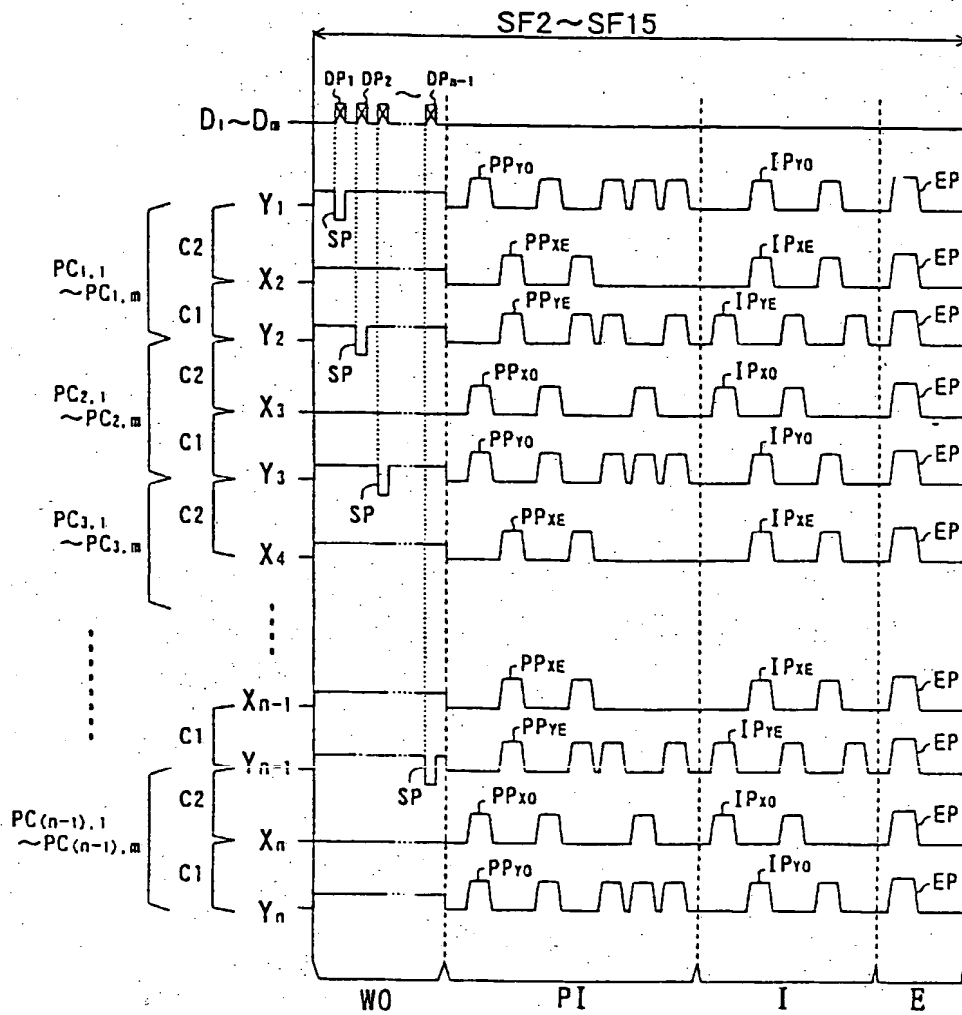


FIG. 13

GRADATION OPERATION	CONVERSION TABLE															LIGHT EMISSION PATTERN															
	PDS	GD															SF														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FIRST	0000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	●															
SECOND	0001	0	1	0	0	0	0	0	0	0	0	0	0	0	0	○	●														
THIRD	0010	0	0	1	0	0	0	0	0	0	0	0	0	0	0	○	○	●													
FOURTH	0011	0	0	0	1	0	0	0	0	0	0	0	0	0	0	○	○	○	●												
FIFTH	0100	0	0	0	0	1	0	0	0	0	0	0	0	0	0	○	○	○	○	●											
SIXTH	0101	0	0	0	0	1	0	0	0	0	0	0	0	0	0	○	○	○	○	○	●										
SEVENTH	0110	0	0	0	0	0	1	0	0	0	0	0	0	0	0	○	○	○	○	○	○	●									
EIGHTH	0111	0	0	0	0	0	0	1	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	●							
NINTH	1000	0	0	0	0	0	0	0	1	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
TENTH	1001	0	0	0	0	0	0	0	0	1	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ELEVENTH	1010	0	0	0	0	0	0	0	0	0	1	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
TWELFTH	1011	0	0	0	0	0	0	0	0	0	0	1	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
THIRTEENTH	1100	0	0	0	0	0	0	0	0	0	0	0	1	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FOURTEENTH	1101	0	0	0	0	0	0	0	0	0	0	0	0	1	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
FIFTEENTH	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	1	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SIXTEENTH	1111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

●: ERASE ADDRESS DISCHARGE
 ○: SUSTAIN DISCHARGE LIGHT EMISSION

FIG. 14

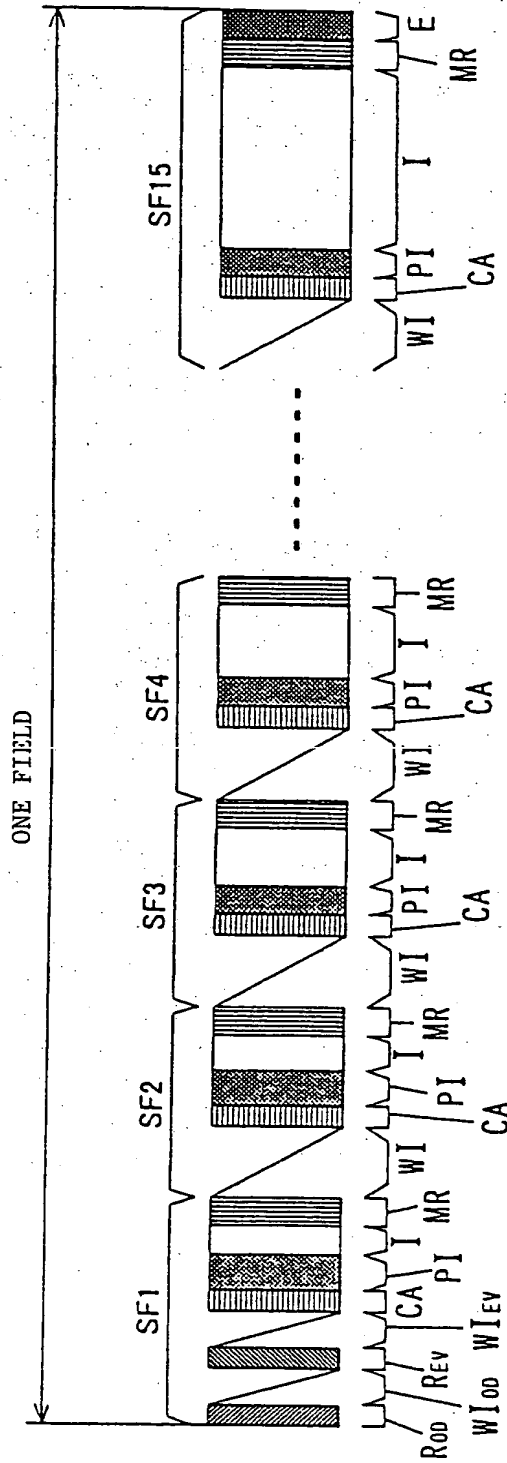


FIG. 15

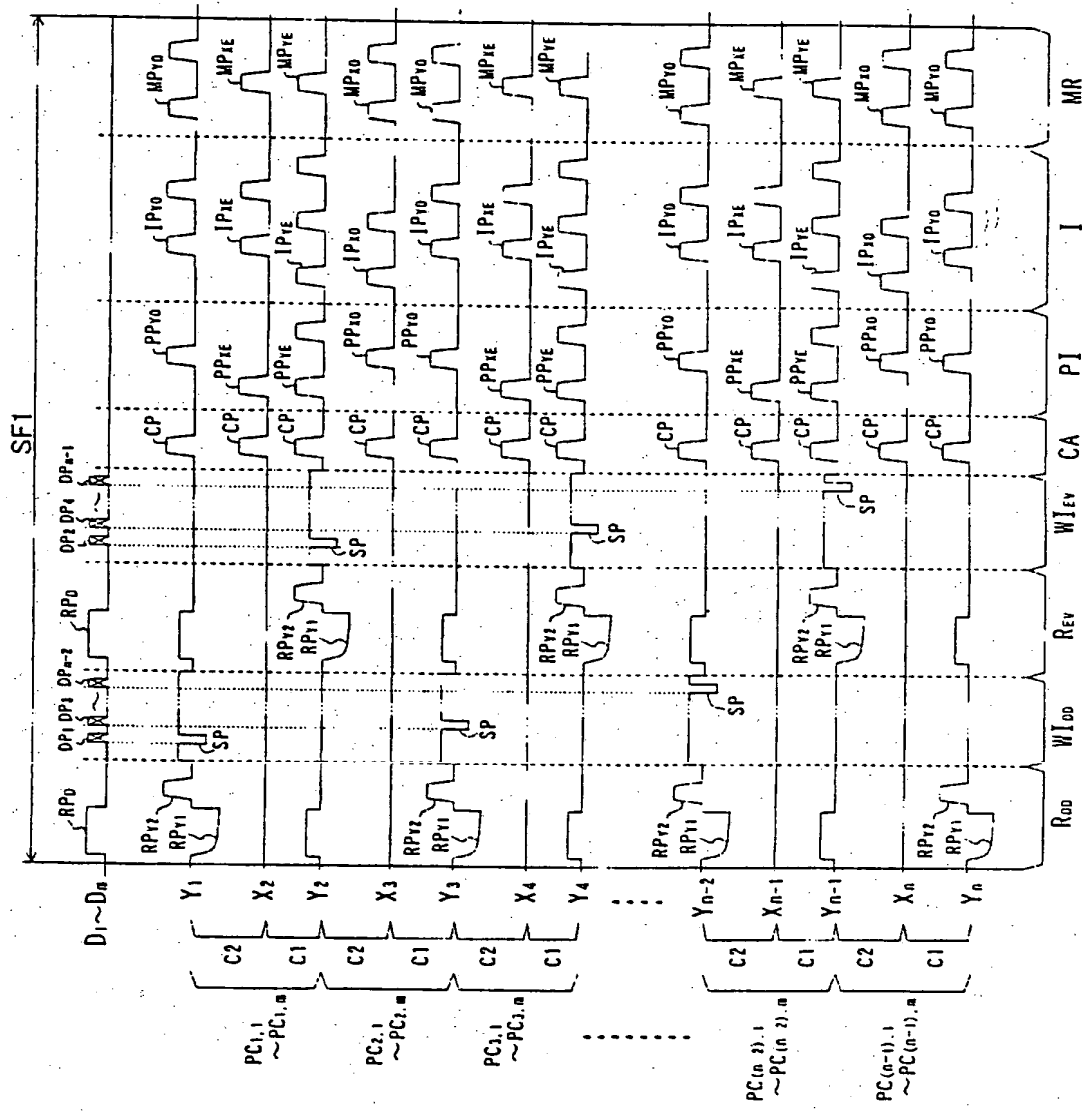


FIG. 16

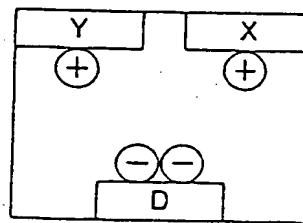
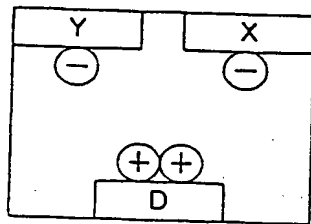
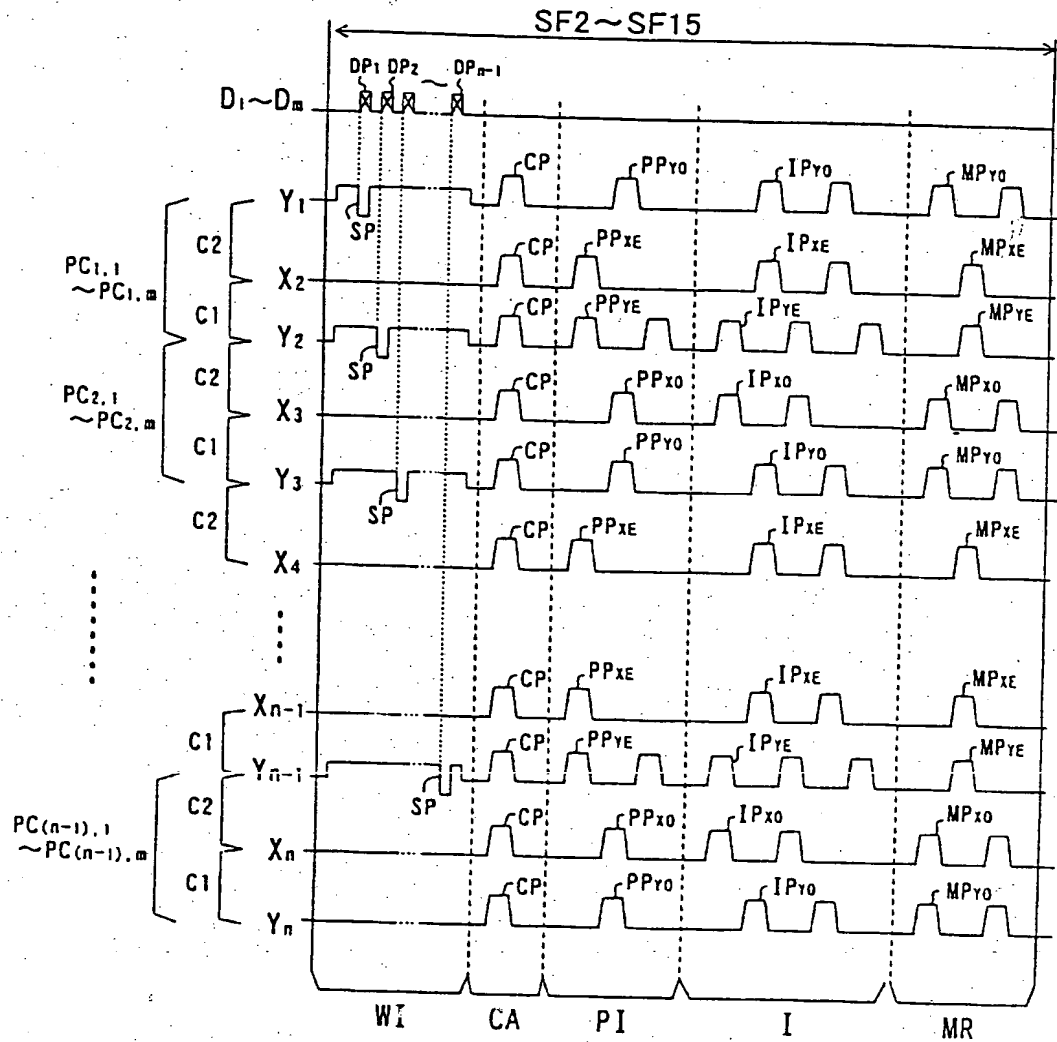


FIG. 17A

FIG. 17B